

GENWAL COAL COMPANY

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May 23, 1985

RECEIVED

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DIVISION OF OIL
GAS & MINING

Mr. Wayne Hedburg
Department of Natural Resources
Division of Oil, Gas, and Mining
355 W. North Temple
3 Triad Center
Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Hedburg,

Please find enclosed for review and approval seven copies of the preliminary design for the surface facilities at Genwal Coal Company's Crandall Canyon mine.

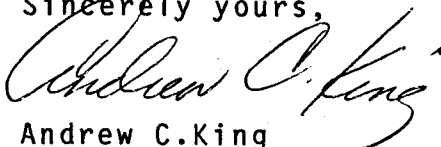
The enclosed designs are not finalized as of yet. If we receive your approval of the concept then we will make the necessary calculations to design the sediment pond and surface runoff devices. The design will not change unless they are found to be inadequate by the Division or the Forest Service.

With this submittal we would like to abate NOV.s 85-4-5-2, 2/2, 85-4-12-3, 1/3, 85-4-12-3, 3/3. I would appreciate it if you would discuss this matter with Mr. Dave Lof.

Due to the time constraints placed upon us by the violations, we did not have time to discuss these plans with the Forest Service or the Division in the field. I hope to be in contact with both in the near future to discuss these plans.

If I can be of further assistance please feel free to contact me at 637-7383. Thank you very much for your help on these matters.

Sincerely yours,


Andrew C. King

TO BE FORMATTED WHEN COMPLETED VERSION OF MRP FINISHED

UNDISTURBED DRAINAGE

The undisturbed runoff diversion ditch will be located at the base of the upper substation pad highwall. This ditch will serve to cutoff water before it enters the disturbed area and transport it around the minesite. The upper pad drainage outside the substation berm will also be transported around the minesite. This runoff will not be contaminated and minimal sediment will be gained going across the pad due to the small area proposed. The area inside of the substation berm will act as it's own sediment pond and water will not be able to enter or leave this area. It is designed to handle all rainfall from a 50 year 24 hour event, snowfall will also remain inside the bermed area. This berm will also retain any oil from the transformers in the event of a rupture. If the soil inside the berm area should become contaminated, beyond normal operating levels, it will be removed and disposed of in approved landfill. Retaining the water in this area will enhance the drainage of the mine site and reduce sediment levels in the main sediment pond. All other undisturbed runoff entering the minesite will be diverted to the sediment pond, and the pond will be sized for the additional flow.

SEDIMENT POND

The sediment pond, culverts, ditches, inlets, and other control devices will be sized and submitted for approval when the attached preliminary design drawings are finalized.

OIL AND FUEL STORAGE

The oil and fuel storage area will be surrounded by a berm 2.5 feet high and the volume inside of the berm area will be of sufficient size to contain a spill if 50% of the material stored in the area were to rupture. Any soil contaminated beyond normal operating conditions will be removed and disposed of off-site in an approved landfill operation.

CONTAMINATED SOIL REMOVAL

Any soil found to be contaminated beyond reasonable operating conditions during the construction or operating phase of the operation will be disposed of off-site in an approved landfill operation. Genwal Coal Company will request from the

division an approval of the landfill site prior to removing any contaminated material. Contaminated soil may be stored on site temporarily while scheduling of disposal equipment is completed. This material will be stored in a manner that will protect the environment and surface water characteristics.

SUBSTATION

The substation will be located on the pad area, this pad area has been previously disturbed. After construction of the substation is completed the access road to the pad site will be used only in the event of an emergency. No daily vehicular traffic will be allowed on the access road. This access road will be seeded upon completion of the pad construction and substation installation.

ROADS

Roads on the site will be maintained in accordance with the Forest Service Road Use Permit where applicable and with the state regulations on all other roads.

Surfacing and maintenance of the Forest Service roads will be done in accordance with the approved plans.

BUILDINGS

The existing two trailers will be moved to the new pad area. The generator will be stored on the new pad pending sale or installation as backup unit for the fan and underground equipment. A bathhouse facility may be constructed in the future and all state, local, MSHA, and Forest Service health regulations will be followed.

TOPSOIL

Topsoil will be stored at the east end of the property and protected from disturbance by construction of a fence on the pad side. Topsoil will be seeded with the approved seed mix. Straw bales will be used to prevent soil erosion while the seed is germinating and taking hold.

PARKING

The existing facilities area will be used for parking of employees as well as other users of the canyon. Parking for the convenience of other Forest users will be provided past the mine site and the road will continue onto the existing road.

COAL HANDLING

Coal being produced from the mine will be dropped over the highwall into the existing stockpile. The front end loader will then pickup the material and load it into trucks.

WATER SYSTEMS

Culinary water will be supplied to the mine from approved sources in the Huntinton town water system and carried in containers designed for culinary water.

Raw water supplied underground will come from ground water that is entering the mine. If sufficient water is not encountered a small submersible pump placed in Crandall Creek will pump water into the mine. Sumps will be maintained underground to efficiently handle the water. Water pumped from the mine will first enter the sediment pond, however no water has been pumped from the mine to date.